

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3133	607/101-105.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/16 11:55
L2	23	1 and ferrule	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/16 11:55
L3	17	1 and insulat\$4 with (detach\$4 snap\$ detent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/16 12:00
L4	43	1 and insulat\$4 same (detach\$4 snap\$ detent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/16 12:01
S1	2	"20070043348"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 15:44
S2	1193870	radio-frequency "radio frequency" RF high- frequency "high frequency"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:45
S3	2642736	irrigat\$4 suction wash \$3 rinse rinsing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:46
S4	125142	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:46
S5	4118	S4 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:47

S6	2424	S5 and insulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:48
S7	7359143	shaft tube cylinder cylindrical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:49
S8	2283	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:49
S9	261663	(detach\$4 disposable remov\$4 attach\$4) with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:52
S10	1292	S9 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:52
S11	946	S10 and (ablate ablation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:53
S12	6	((("6214003") or ("5782760") or ("5250047")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 16:55
S13	2	"20010023347"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:55
S14	8	S12 OR S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:55
S15	2	"20010023347"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 16:58

S16	8	S14 OR S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 17:04
S17	47	("4832648" "5257635" "5423811" "5500012" "5509411" "5517989" "5545161" "5549109").PN. OR ("5782760").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:05
S18	28	S17 and insulat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:05
S19	3	Sutter-Bert-\$.in. OR Fehling-Guido-\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:06
S20	5	"20050273063" OR "20050203347" OR "20070043348" OR "20080077246"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:10
S21	1	("D549324").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/26 17:10
S22	6	S20 OR S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 17:11
S23	1	"20070043348"	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:17
S24	1	(detent detented indent indented indentation groove grooved) and S14	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:32
S25	8	(detent detented indent indented indentation groove grooved) and S17	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:33
S27	54978	(detent detented indent indented indentation groove grooved) with (mates mate mating mated)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:43
S28	25	S27 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:44
S29	43422	(angle or angled) with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:54
S30	376	S29 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 17:54

S31	123	S30 and ("30" or "45") near3 degrees)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 18:04
S32	117	S30 and ("45" near3 degrees)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 18:07
S33	260936	(radial radially) near5 (aperture hole opening discharge\$4 recess thruhole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 18:31
S34	166	S11 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/26 18:31
S35	1193870	radio-frequency "radio frequency" RF high- frequency "high frequency"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S36	2642736	irrigat\$4 suction wash \$3 rinse rinsing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S37	125142	S35 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S38	4118	S37 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S39	2424	S38 and insulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S40	7359143	shaft tube cylinder cylindrical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S41	2283	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13

S42	261663	(detach\$4 disposable remov\$4 attach\$4) with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S43	1292	S42 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S44	946	S43 and (ablate ablation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:13
S46	380	S44 and (disposable or removable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:15
S47	41434	(disposable detachable removable) with (electrode tip probe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:16
S48	271	S44 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 10:16
S49	376	(snap-fit snap snapped) and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:33
S51	196	S49 and (ablate ablation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:33
S52	6921	(snap-fit snap snapped "snal fit") with (insulat \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:42
S53	9	S52 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:43

S54	190	S52 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:43
S55	298	(snap-fit snap snapped "snal fit") with (insulat \$4) with (tip probe electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:48
S56	11	S55 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 11:49
S57	45	("2688329" "4327747" "4576177" "4657016" "4785815" "4920980" "4934340" "4936842" "4960134" "5239999" "5257635" "5315996" "5318525" "5348481" "5363861" "5395329" "5398683" "5413508" "5417208" "5514172").PN. OR ("5685878").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:38
S58	27	S57 and insulat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:46
S59	19	(detach\$4 disposable removable removably attach\$4) and S58	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:50
S60	108616	insulat\$4 near4 (sheath cap cover boot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:52
S61	3957	S60 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:52
S62	701	S61 and ablation	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:53
S63	959129	(detach\$4 disposable removable removably attach\$4) same (insulat \$4 sheath cap cover boot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:54
S64	40636	S63 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:54
S65	18688	(detach\$4 disposable removable removably attach\$4) same S60	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:54

S66	661	S65 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:54
S67	166	S66 and ablation	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:55
S68	554787	(detach\$4 disposable removable removably attach\$4) with (insulat \$4 sheath cap cover boot)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:56
S69	10838	S68 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:57
S70	7115	(detach\$4 disposable removable removably attach\$4) with S60	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:57
S71	161	S70 and S37	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:57
S72	23	S71 and (ablate ablation)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/27 12:58
S73	2	insulat\$4 with (snap\$4) with shaft with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:25
S74	218	insulat\$4 with (snap \$4) with shaft	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:25
S75	16	S74 and electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:26
S77	709	(insulat\$4 with (snap \$4)) and electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:34
S78	294	(insulat\$4 near5 (snap \$4)) and electrode	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:34
S79	1194946	radio-frequency "radio frequency" RF high- frequency "high frequency"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:35
S80	143	S77 and S79	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:35
S81	31	S80 and (coagulat\$4 ablate ablation hemost \$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 18:36

S82	45	("2688329" "4327747" "4576177" "4657016" "4785815" "4920980" "4934340" "4936842" "4960134" "5239999" "5257635" "5315996" "5318525" "5348481" "5363861" "5395329" "5398683" "5413508" "5417208" "5514172").PN. OR ("5685878").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/05/28 18:40
S83	17868	(detach\$4 disposable remov\$4 attach\$4) with (insulat\$4 near4 (sheath cap cover boot ferrule tip))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 19:03
S84	18314	(detach\$4 disposable remov\$4 attach\$4 snap \$4) with (insulat\$4 near4 (sheath cap cover boot ferrule tip))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 19:03
S85	2	S84 and S79 and S81	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 19:04
S86	2	("5336222").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/01 14:17
S87	12723	(conduct\$3) near3 (tube shaft) with (aperture hole outlet perforat\$4 passage opening)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:24
S88	162	S87 and irrigat\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:24
S89	53	S88 and "606".clas.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:24

S90	12437	(detachable removab \$2) with electrode	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:55
S91	13	((US-20070043348-\$ or US-20010023347-\$ or US-20020052600-\$ or US-20020133149-\$ or US-20030144656-\$). did. or (US-4682596-\$ or US-5685878-\$ or US-5944715-\$ or US-6004319-\$ or US-6071281-\$ or US-6168593-\$ or US-6511493-\$ or US-5545200-\$).did.	US-PGPUB; USPAT	OR	ON	2009/06/01 14:55
S92	6	S90 and S91	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 14:55
S93	85	((detach\$4 removab\$2) with electrode) and electrode with detent	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:18
S94	2	S93 and irrigat\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:18
S95	89	((detach\$4 removab\$2) with electrode) and electrode with detent\$2	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:20
S96	2	S95 and irrigat\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:21
S97	96	((tip probe) with detent \$2) and irrigat\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:21
S98	24	S97 and electrode with tip	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:27

S99	22	S98 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:29
S100	15	electrode with detent\$2 and irrigat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:31
S101	12	S100 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:31
S102	33733	electrode with stop\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 15:56
S103	14	(US-20070043348-\$ or US-20010023347-\$ or US-20020052600-\$ or US-20020133149-\$ or US-20030144656-\$). did. or (US-4682596-\$ or US-5685878-\$ or US- 5944715-\$ or US- 6004319-\$ or US- 6071281-\$ or US- 6168593-\$ or US- 6511493-\$ or US- 5545200-\$ or US- 5634921-\$).did.	US-PGPUB; USPAT	OR	ON	2009/06/01 17:59
S104	1	S103 and ferrule	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 17:59
S105	4	S103 and detent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 17:59
S106	356663	detachable removabl\$2 near5 electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:06

S107	5807	S106 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:06
S108	359849	detachable removabl\$2 near5 tip	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:06
S109	6325	S108 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:06
S110	757	S106 and 606/41-52. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:07
S111	607	S106 and 606/41-47. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:07
S112	38125	stop\$4 with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:08
S113	127	S111 and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:08
S114	231814	conduct\$3 with (shaft tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:23
S115	118986	conduct\$3 near4 (shaft tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:23
S116	13031	(electrode with mount \$2 with (shaft tube))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:25

S117	2942	S115 and S116	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:28
S118	328	S117 and "606".clas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 18:28
S119	154	("4074718" "4154246" "4352360" "4583556" "4641649" "4658836" "4700716" "4754752" "4785815" "4825880" "4841988" "4896671" "4945912" "5057106").PN. OR ("5246438").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:33
S120	8147	non-conduct\$3 near5 (tube shaft)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:34
S121	293	S118 not S120	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:34
S122	804553	electrical\$4 near2 connect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:38
S123	11076	S122 same S115	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:40
S124	10047	S123 not S120	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:40
S125	354	S124 and 606/41-52. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:40
S126	6144	stop\$4 with (shaft tube) with (tip probe electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:48
S127	167	S126 and 606/41-52. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 18:48
S128	5679	electrode with collar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 19:14
S129	834	S128 with (shaft or tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 19:14

S130	63	S129 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/01 19:14
S131	15	(US-20070043348-\$ or US-20010023347-\$ or US-20020052600-\$ or US-20020133149-\$ or US-20030144656-\$). did. or (US-4682596-\$ or US-5685878-\$ or US- 5944715-\$ or US- 6004319-\$ or US- 6071281-\$ or US- 6168593-\$ or US- 6511493-\$ or US- 5545200-\$ or US- 5634921-\$ or US- 4034761-\$).did.	US-PGPUB; USPAT	OR	ON	2009/06/02 14:46
S132	7	S131 and snap\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 14:46
S133	213	insulat\$4 with snap\$ with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 14:49
S134	27	S133 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 14:49
S135	35614	(two near3 (layer coating)) near6 insulat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 15:03
S136	94	S135 and "606".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 15:03
S137	13534	detent with snap\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 15:35

S138	48	S137 and 606/41.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 15:35
S139	209	((disposable detachable) with electrode) and 606/41.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 16:24
S140	164	S139 and insulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 16:25
S141	59	S139 and non-conduct \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 16:25
S142	171	S140 or S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/02 16:25
S143	2	("4682596").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 16:37
S144	94	((circle circular) with detent) same (groove recess) same snap	US-PGPUB; USPAT	OR	ON	2009/06/02 16:49
S146	110	((circle circular) with detent) same (groove recess) same snap\$	US-PGPUB; USPAT	OR	ON	2009/06/02 16:50
S147	59	S142 and irrigat\$4	US-PGPUB; USPAT	OR	ON	2009/06/02 17:05
S148	49	S147 and monopolar	US-PGPUB; USPAT	OR	ON	2009/06/02 17:09
S149	1872	limit near3 depth near5 insert\$5	US-PGPUB; USPAT	OR	ON	2009/06/02 17:49
S150	16	S149 and 606/41.cds.	US-PGPUB; USPAT	OR	ON	2009/06/02 17:49
S151	230	((detachable disposable) with (probe tip)) and 606/41.cds.	US-PGPUB; USPAT	OR	ON	2009/06/02 18:22
S152	134	S151 and insulat\$4 and monopolar	US-PGPUB; USPAT	OR	ON	2009/06/02 18:22
S153	68	S152 and irrigat\$4	US-PGPUB; USPAT	OR	ON	2009/06/02 18:23

S154	11851	gap with (channel opening hole) with (fluid solution liquid)	US-PGPUB; USPAT	OR	ON	2009/06/02 18:35
S155	16	S154 and 606/41	US-PGPUB; USPAT	OR	ON	2009/06/02 18:35
S156	166	S154 and irrigat\$4	US-PGPUB; USPAT	OR	ON	2009/06/02 18:39
S157	28	S156 and electrode	US-PGPUB; USPAT	OR	ON	2009/06/02 18:39
S158	26578	annul\$2 near3 gap	US-PGPUB; USPAT	OR	ON	2009/06/02 18:43
S159	503	S158 and irrigat\$4	US-PGPUB; USPAT	OR	ON	2009/06/02 18:43
S160	219	S159 and electrode	US-PGPUB; USPAT	OR	ON	2009/06/02 18:43
S161	1	"20020077585"	US-PGPUB; USPAT	OR	ON	2009/06/02 18:49
S162	2	("6,053,172").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 19:01
S163	454232	(channel opening hole irrigat\$4) with (fluid solution liquid)	US-PGPUB; USPAT	OR	ON	2009/06/03 18:21
S164	135143	(electrode tip probe) with (detach\$4 removable removably removed snap\$)	US-PGPUB; USPAT	OR	ON	2009/06/03 18:22
S165	23319	S163 and S164	US-PGPUB; USPAT	OR	ON	2009/06/03 18:22
S166	973394	insulat\$4 nonconduct\$3 non-conduct\$3	US-PGPUB; USPAT	OR	ON	2009/06/03 18:22
S167	12524	S165 and S166	US-PGPUB; USPAT	OR	ON	2009/06/03 18:22
S168	3657246	tube shaft sheath housing cylindrical cylinder body	US-PGPUB; USPAT	OR	ON	2009/06/03 18:23
S169	9229	S167 and S168	US-PGPUB; USPAT	OR	ON	2009/06/03 18:23
S170	26491	monopolar mono-polar unipolar uni-polar	US-PGPUB; USPAT	OR	ON	2009/06/03 18:24
S171	106023	(reference ground) near5 electrode	US-PGPUB; USPAT	OR	ON	2009/06/03 18:24
S172	128050	S170 or S171	US-PGPUB; USPAT	OR	ON	2009/06/03 18:24
S174	3099	S169 and S172	US-PGPUB; USPAT	OR	ON	2009/06/03 18:24

S175	1965336	conduct\$4	US-PGPUB; USPAT	OR	ON	2009/06/03 18:25
S176	3014	S174 and S175	US-PGPUB; USPAT	OR	ON	2009/06/03 18:25
S177	123075	ablation ablate coagul \$4 cauter\$4 electro- cauter\$3 hemostat\$4	US-PGPUB; USPAT	OR	ON	2009/06/03 18:26
S179	1011	S176 and S177	US-PGPUB; USPAT	OR	ON	2009/06/03 18:27
S180	53565	(removable removably detached detachable separable separating) with (electrode probe tip)	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S181	454706	(channel opening hole irrigat\$4) with (fluid solution liquid)	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S182	135309	(electrode tip probe) with (detach\$4 removable removably removed snap\$)	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S183	23355	S181 and S182	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S184	974333	insulat\$4 nonconduct\$3 non-conduct\$3	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S185	12549	S183 and S184	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S186	3660555	tube shaft sheath housing cylindrical cylinder body	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S187	9249	S185 and S186	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S188	26524	monopolar mono-polar unipolar uni-polar	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S189	106142	(reference ground) near\$5 electrode	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S190	128197	S188 or S189	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S191	3107	S187 and S190	US-PGPUB; USPAT	OR	ON	2009/06/04 11:30
S193	326706	(removable removably detach\$4 attach\$4 separa\$4) with (probe tip electrode)	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S194	454706	(channel opening hole irrigat\$4) with (fluid solution liquid)	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33

S195	135309	(electrode tip probe) with (detach\$4 removable removably removed snap\$)	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S196	23355	S194 and S195	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S197	974333	insulat\$4 nonconduct\$3 non-conduct\$3	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S198	12549	S196 and S197	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S199	3660555	tube shaft sheath housing cylindrical cylinder body	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S200	9249	S198 and S199	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S201	26524	monopolar mono-polar unipolar uni-polar	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S202	106142	(reference ground) near\$5 electrode	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S203	128197	S201 or S202	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S204	3107	S200 and S203	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S205	2549	S204 and S193	US-PGPUB; USPAT	OR	ON	2009/06/04 11:33
S206	27668	((removable removably detach\$4 attach\$4 separa\$4 snap\$) with (probe tip electrode)). ab.	US-PGPUB; USPAT	OR	ON	2009/06/04 11:35
S208	123244	ablation ablate coagulation\$4 cauter\$4 electro-cauter\$3 hemostat\$4	US-PGPUB; USPAT	OR	ON	2009/06/04 11:36
S209	62	S208 and S206 and S204	US-PGPUB; USPAT	OR	ON	2009/06/04 11:36
S210	2	("3623821").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 16:02
S211	5853	606/41-48.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 11:55
S213	81005	(detach\$4 snap\$) same (electrode insulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 11:55

S214	667	S211 and S213	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/14 11:56
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